

DAFTAR PUSTAKA

- Abdurachman. 2007. *Profil Kesehatan 2007 Kabupaten Kutai Kartanegara*. <http://www.dinkes-kutakartanegara.org>. 21/01/2011.
- Ahn JJ, Shin HI. 2008. Tissue Formation in Extraction Socket from Sites with Advanced Periodontal Disease: A histomorphometric study in humans. *Int. J. Oral Maxillofac Implants*. 23(6):1133-1138.
- Andersson L, Kahnberg KE, Pogrel, M Anthony. 2010. *Oral and Maxillofacial Surgery*. USA. Willey-Blackwell. Hal. 168.
- Asami A, Nakamura M, Takeuchi, Mizuho, Nakayama A, Nakamura H, Yoshida T, Nagasawa S, Hiraoka Y, Ito M, Udagawa NM, Hiroo. 2008. Effects of Heat Treatment of Hydroxyapatite on Osteoblast Differentiation. *J. Hard Tissue Biology*. 17[2]: 43-44.
- Aubin JE, Liu F. 1996. The Osteoblast Lineage. In: Bilezikian, JP, Raisz LG Rodan GA, Editors, 1996. *Principles of Bone Biology*. New York. Academic Press. pp. 51-67.
- Baby. 2010. Nutrient Analysis of Some Commercially Important Molluscs of Bangladesh. *J. Sci. Res*. 2(2): 360-396.
- Banks R. 1981. *The Guinea Pig, Care, Identification, Nomenclature, Breeding and Genetics*, USAMRIID Seminar Series, <http://netvet.wustl.edu/species/guinea/guinpigtxt>. 20/11/14.
- Bauer TW, Mushler GF. 2000. Bone Graft Materials: An Overview of The Basic Science. *Clin. Orthop. Relat. Res*. 371(371):10-27.
- Brandao AC, Brentegani LG, Novaes AB, Grisi MF, Souza SL, Taba M, Salata, Luiz A. 2002. Histomorphometric Analysis of Rat Alveolar Wound Healing with Hydroxyapatite Alone or Associated to BMPs. *Braz Dent J*. 13(3): 151.
- Brotowidjoyo DM. 1993. *Zoologi Dasar*. Jakarta. Erlangga.
- Byrdone AS, Meek D, MacLaine S. 2010. Bone Grafting, Orthopaedic Biomaterial and The Clinical Need for Bone Engineering. *Proc. Imeche*. 224(12): 1332-1333.
- Cameron JR, Skofronick JG, Grant, Roderick M. 2006. *Fisika Tubuh Manusia*. Jakarta. EGC.
- Cazzaniga SC. 2006. *Pomaceae Canaliculata: Harmless and Useless in Its Natural Realm (Argentina)*, In Joshi, R.C and Sebastian (Ed). Global Advances in Ecology and Management of Apple Snail. PhilRice Ingneria
- Delong L, Burkhardt NW. 2013. *General and Oral Pathology for The Dental Hygienist 2nd*, ed. Philadelphia. Lippincott William & Wilkins. Hal.60.
- Diegelmann RF, Melissa CE. 2004. Wound Healing: An Overview of Acute, Fibrotic and Delayed Healing. *Front. Biosci*. 9: 283.
- Dvorak MM, Siddiqua A, Ward DT, Carter DH, Dallas SL, Nemeth EF, Riccardi D. 2004. Physiological Changes in Extracellular Concentration Directly Control Osteoblast Function in the Absence of Calcitropic Hormones. *PNAS*. 101(14): 5140-5141.

- Eapen A, Sundlvakkam P, Song Y, Ravldran S, Ramachandran A, Tlruppathi C, George A. 2010. Calcium-Mediated Stress Kinase Activation by DMP1 Promotes Osteoblast Differentiation. *J. Biol. Chem.* 285(47): 36339.
- Einhorn TA. 2005. The Science of Fracture Healing. *J. Orthop. Trauma.* 19(10): 4-6.
- Ernes. 2006. *Tips Kesehatan Edisi Revisi*. Jakarta. Restu AgungDW.
- Fawcett DW. 2002. *Buku Ajar Histologi, ed 12*. Jakarta. EGC. Hal. 179.
- Gergely G, Weber F, Lukacs I, Toth AL, Hovart ZE, Mihaly J, Balazsi C. 2010. Preparation and Characterization of Hydroxyapatite from Eggshell. *J. Ceramint.* 36(2): 803-804.
- Ghom GA. 2007. *Textbook of Oral Medicine*. Malaysia. Unipress Medical. Hal. 19-20.
- Goldfine SM, Schroter EH, Izzard CS. 1981. Calcium-Depent Shortening of Fibroblast Induced by the Ionophore. *J. Cell. Sci.* 50: 391.
- Gordeladze JO, Drevon CA, Syversen U, Reseland JE. 2002. Leptin stimulates human osteoblastic cell proliferation, de novo collagen synthesis, and mineralization: Impact on differentiation markers, apoptosis, and osteoclastic signaling. *J. Cell. Biochem.* 85(4): 825836.
- Gordon JA, Tye CE, Sampaio AV, Undehill M, Hunter GK, Goldberg HA. 2007. Bone Sialoprotein Expression Enchances Osteoblast Differentiation and Matrix Mineralization in vitro. *BONE.* 41(3): 462-463.
- Guo S, DiPietro LA. 2010. Factor Affecting Wound Healing. *J. Dent. Res.* 89(3): 219-229.
- Gurtner GC. 2007. *Grabb and Smith's Surgery 6th ed*. Philadelphia. Lippincott William&Wilkins. Hal. 16-20.
- Heiple KG, Goldberg VM, Powell AE, Bos GD, Zika JM. 1987. Biology Cancellous Bone Grafts. *Orthop. Clin. North. Am.* 18(2):179-185.
- Hill M. 2010. *Guinea Pig Development*. UNWS Embryology. Sydney. <http://embryology.med.unsw.edu.au/OtherEmb/gpig.htm>. 20/11/2014
- Howe GL. 1999. *Pencabutan Gigi Geligi*. Jakarta. EGC. Hal. 1.
- Jung GY, Park YJ, Han J. 2010. Effects of HA Released Calcium Ion on Osteoblast Differentiation. *J. Mater. Sci. Mater. Med.* 21(5): 1649-1653.
- Junqueira LC, Carneiro J. 2004. *Histologi Dasar: Teks dan Atlas*. Jakarta. EGC.
- Kalfas IH. 2001. Principle of Bone Healing. *Neurosurgery Focus.* 10(4): 7.
- Khalil. 2003. Analisa rendemen dan kandungan mineral cangkang pensi dan siput dari berbagai habitat air tawar di Sumatera Barat. *Jurnal Peternakan dan Lingkungan.* 9(3):35-41.
- Khan SN, Cammisa FP, Sandhu HS. 2005. The Biology of Bone Grafting. *J. Am. Acad. Orthop. Surg.* 13(1): 77-86.
- Kim BS, Kim JS, Chung YS, Sin Y, Ryu KH, Lee J, You HK. 2013. Growth and Osteogenic Differentiation of Alveolar Human Bone Marrow-Derived Mesenchymal Stem Cells on Chitosan/Hydroxyapatite Composite Fabric. *J. Biomed. Mater. Res.* 101(6): 1550-1558.
- Kumar V, Abbas AK, Fausto N, Mitchell R. 2007. *Robbins Basic Pathology*, 8th ed. Philadelphia. Saunders. Hal. 70-74.

- Labelle D, Jumarie C, Moreau R. 2007. Capacitative Calcium Entry and Proliferation of Human Osteoblast-like MG-63 Cells. *Cell Prolif.* 40(6): 867.
- Lane JM, Sandhu HS. Current Approaches to Experimental Bone Grafting. *Orthop. Clin. North. Am.* 18(2): 213-225.
- Lawler.1992. *Buku PintarPatologi untuk Kedokteran Gigi*. Jakarta. EGC.
- Leonardo T, Roberto F, Marzola A, Bozzi L, Birgitta L, Ja L. 2008. Modeling and Remodeling of Human Extractions Sockets. *J. Clin. Periodontol.* 35(7): 630-639.
- Loiselle AE, Lai W, Muhammad F, Emmanuel M, Paul, Gregory S, Lewis, Jun G, Akhlesh L, Henry JD. 2013. Spesific Biomimetic Hydroxyapatite Nanotopographies Enhance Osteoblastic Differentiation and Bone Graft Osteointegration. *Tissue Eng.* 19(15) (Abstr).
- Mackie EJ, Tatarczuch L, Mirams M. 2011. The Skeleton: a Multi-Functional Complex Organ. The Growth Plate Chondrocyte and Endochondral Ossification. *J. Endocrinol.* 211(2): 109-121.
- Maeno S, Niki Y, Matsumoto H, Morioka H, Yatabe T, Funayama A, Toyama Y, Taguchi T, Tanaka J. 2005. The Effect of Calcium Ion Concentration on Osteoblast Viability, Proliferation and Differentiation in Monolayer and 3D Culture. *J. Biomaterials.* 26(23): 4853.
- Marks DB, D Allan, M Collen. 2000. *Biokimia Kedokteran Dasar: Sebuah Pendekatan Klinis*. Jakarta. EGC.
- Marzona L, Pavolini B. 2009. Play and Players in Bone Fracture Healing Match. *Clin. Cases. Miner. Bone Metab.* 6(2): 159-161.
- Nakamura M, Sekijima Y, Nakamura S, Kobayashi T, Niwa, Yamashita K. 2006. Role of Blood Coagulation Components as Intermediators of High Osteoconductivity of Electrically Polarized Hydroxyapatite. *J. Biomed. Mater. Res.* 79(3): 627-634.
- Narulkar VV, Prakash S, Chandra K. 2007. Characteristics of porous zirconia coated with hydroxyapatite as human bones. *Bull. Mater. Sci.* 30(4): 309.
- Ogata K, Imazato S, Ehara S, Kinomoto Y, Nakano T, Umakoshi Y. 2004. Comparison of Osteoblast Responses to Hydroxyapatite and Hydroxyapatite/soluable Calcium Phosphate Composite. *J. Biomed. Mater. Res. A.* 72(2): 133-134.
- Oryan A, Alidadi S, Moshiri A, Maffulli N. 2014. Bone Regenerative Medicine: Classic Option, Novel Strategies and Future Direction. *J. Orthop. Surg. Res.* 9(1):18.
- Pedersen GW. 1996. *Buku Ajar Praktis Bedah Mulut*. Jakarta. EGC. 29.
- Peterson LJ. 2003. *Contemporary Oral and Maxillofacial Surgery 4th edition*. USA. Mosby.
- Riana E. 1985. *Beberapa Aspek Biologi Keong Gondang (Pila ampullacea) di Laboratorium*. Skripsi Institut Pertanian Bogor. Bogor.
- Santo VE, Gomes, Manuela E, Mano JF, Reis, Rui. L. 2013. Controlled Release Strategies for Bone, Cartilage, and Osteochondral Engineering-Part I: Recapitulation of Native Tissue Healing and Variables for the Design of Delivery Systems. *Tissue Eng.* 19(4):309-311.

- Saraf S. 2006. *Text Book of Oral Pathology*. New Delhi. Jaypee. Hal. 27.
- Sfeir C, Ho L, Doll BA, Azari K, Hollinger JO. 2005. *Fracture Repair. Bone Regeneration and Repair: Biology and Clinical Applications*. Tontowa. Human Press.
- Sharma SR, Poddar R, Sen P, Andrew JT. 2008. Effect of Vitamin C on Collagen Biosynthesis and Degree of Birefringence in Polarization Sensitive Optical Coherence Tomography (PS-OCT). *Afr. J. Biothechnol.* 7(12): 2050-2051.
- Sinha A, Ingle A, Munim KR, Vaidya SN, Sharma BP and Bhisey AN. 2001. Development of Calcium Phosphate Based Bioceramic. *Bull. Mater. Sci.* 24(6): 653.
- Suckow MA, Stevens KA, Wilson RP. 2012. *The Laboratory Rabbit, Guinea Pig, Hamster and Other Rodents*. San Diego. Elsevier.
- Talwar GP, Srivastava LM. 2006. *Text Book of Biochemistry and Human Biology* 3rd, Ed, Asoke K. New Delhi. Ghoshshae. Hal. 81-85.
- Tandelilin RTC, Sofro ASM, Santoso AS, Soesatyo MHNE, Asmara W. 2006. The Density of Collagen Fiber in Alveolus Mandibular Bone of Rabbit After Augmentation with Powder Demineralized Bone Matrix Posti Incisivus Extraction. *Maj. Ked. Gigi* 39(2): 43-44.
- Tommila M, Jokinen J, Wilson T, Forsback A, Saukko P, Penttinen R, Ekholm E. 2008. Bioactive Glass-Derived Hydroxyapatite-coating Promotes Granulation Tissue Growth in Subcutaneous Implants in Rats. *Acta Biomater.* 4(2): 167-176.
- Tontowi AE, Dewo P, Wahyuni ET, Triyono J. 2012. *Scaffold* dari Bovine Hydroxyapatite dengan Poly Vybialcohol Coating. *Jurnal Teknosains* 1(2): 133.
- Tsuchiya A, Sotome S, Asou Y, Kikuchi M, Koyama Y, Ogawa T, Tanaka J, Shinomiya K. 2008. Effects of Pore Size and Implant Volume of Porous Hydroxyapatite/Collagen (Hap/Col) on Bone Formation in a Rabbit Bone Defect Model. *J. Med. Dent.* 55(1): 97-98.
- Winata B. 2012. Sintesis dan karakterisasi hidroksiapatit dari cangkang keong sawah. *IPB repository*
- Wray D. 2003. *Textbook of General and Oral Surgery*. London. Churchill Livingstone.
- Xie J, Braumann M, McCabe LR. 2004. Osteoblasts Respond to Hydroxyapatite Surface with Immediate Changes in Gene Expression. *J. Biomed. Mater. Res.* 71(1): 108.
- Yamaguchi T. 2008. The Calcium-sensing Reseptor in Bone. *J. Bone. Miner. Metab.* 26(4): 301-311.
- Zarroroh AF. 2013. Eksperimen Pembuatan Abon Keong Sawah dengan Substitusi Kluwih dan Penggunaan Gula yang Berbeda. *Food Science and Culinar Education Journal.* 2(2): 2.
- Zhang S. 2013. *Hydroxyapatite Coating for Biomedical Application*. Boca Raton. CRC Press Taylor&Francis Group. Hal. 202.